

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-13 (Canceled).

Claim 14 (Currently Amended): A belt type continuously variable transmission, comprising:

a pulley shaft that is supported by a first bearing and a second bearing that are spaced apart from each other in an axial direction of the pulley shaft on opposite sides of a sheave that is supported by the pulley shaft;

a supply oil passage that supplies hydraulic fluid to a pulley hydraulic chamber and includes a radial direction oil passage that extends in the pulley shaft in a radial direction of the pulley shaft;

a movable sheave that is attached to the pulley shaft and that faces the sheave that is supported by the pulley shaft; and

a cylinder member that is attached to the pulley shaft and faces the movable sheave, wherein

the radial direction oil passage is formed in the pulley shaft outside of a portion of the pulley shaft that is between a center of the first bearing and a center of the second bearing with respect to the axial direction of the pulley shaft,

an outer peripheral surface of an inner cylindrical portion of the movable sheave contacts and slides on an inner peripheral surface of a first cylindrical portion of the cylinder member,

the portion of the pulley shaft that is between the center of the first bearing and the center of the second bearing with respect to the axial direction of the pulley shaft is free of any oil passages that extend in the radial direction of the pulley shaft such that any radial direction oil passage that extends in the radial direction from the pulley shaft is not provided between the center of the first bearing with respect to the axial direction of the pulley shaft and the center of the second bearing with respect to the axial direction of the pulley shaft.

Claim 15 (Currently Amended): ~~The belt type continuously variable transmission according to claim 14,~~ A belt type continuously variable transmission, comprising:

a pulley shaft that is supported by a first bearing and a second bearing that are spaced apart from each other in an axial direction of the pulley shaft;

a supply oil passage that supplies hydraulic fluid to a pulley hydraulic chamber and includes a radial direction oil passage that extends in the pulley shaft in a radial direction of the pulley shaft;

a movable sheave that is attached to the pulley shaft; and

a cylinder member that is attached to the pulley shaft and faces the movable sheave,
wherein

the radial direction oil passage is formed in the pulley shaft outside of a portion of the pulley shaft that is between a center of the first bearing and a center of the second bearing with respect to the axial direction of the pulley shaft,

an outer peripheral surface of an inner cylindrical portion of the movable sheave contacts and slides on an inner peripheral surface of a first cylindrical portion of the cylinder member,

the portion of the pulley shaft that is between the center of the first bearing and the center of the second bearing with respect to the axial direction of the pulley shaft is free of any oil passages that extend in the radial direction of the pulley shaft such that any radial direction oil passage that extends in the radial direction from the pulley shaft is not provided between the center of the first bearing with respect to the axial direction of the pulley shaft and the center of the second bearing with respect to the axial direction of the pulley shaft,

wherein one of the first bearing and the second bearing is provided near the radial direction oil passage and on an outer surface side of the cylinder member, wherein an inner surface side of the cylinder member forms the pulley hydraulic chamber for the movable sheave, and wherein the movable sheave is attached to the pulley shaft so as to be fixed with respect to the pulley shaft in a rotational direction of the pulley shaft and so as to be slidable with respect to the pulley shaft in the axial direction of the pulley shaft.

Claim 16 (Previously Presented): The belt type continuously variable transmission according to claim 14, wherein the radial direction oil passage is formed in the pulley shaft outside of a portion of the pulley shaft that includes a spline portion with respect to the axial direction of the pulley shaft.

Claim 17 (Previously Presented): The belt type continuously variable transmission according to claim 16, wherein the spline portion of the pulley shaft is engaged with a spline portion formed in an inner surface side of the movable sheave.

Claim 18 (Previously Presented): The belt type continuously variable transmission according to claim 15, wherein the pulley hydraulic chamber includes a first hydraulic chamber, and the first hydraulic chamber is delimited at least in part by a back surface of the movable sheave and the cylinder member which faces the movable sheave.

Claim 19 (Previously Presented): The belt type continuously variable transmission according to claim 18, wherein the pulley hydraulic chamber includes a second hydraulic chamber, and the second hydraulic chamber is delimited at least in part by an end surface of the inner cylindrical portion of the movable sheave and the cylinder member.

Claim 20 (Previously Presented): The belt type continuously variable transmission according to claim 18, wherein the cylinder member includes a first radial direction portion which extends radially with respect to the pulley shaft; a first cylindrical portion which extends from the first radial direction portion substantially parallel to the axial direction of the pulley shaft; a second radial direction portion which extends radially with respect to the pulley shaft from the first cylindrical portion along the back surface of the movable sheave; and a second cylindrical portion which extends from the second radial direction portion substantially parallel to the axial direction of the pulley shaft.

Claim 21 (Previously Presented): The belt type continuously variable transmission according to claim 15, wherein the pulley hydraulic chamber includes a first hydraulic chamber, and the first hydraulic chamber is delimited at least in part by a ring-shaped

member which is fixed to a back surface of the movable sheave, the inner cylindrical portion of the movable sheave, and the cylinder member which faces the movable sheave.

Claim 22 (Previously Presented): The belt type continuously variable transmission according to claim 21, wherein the pulley hydraulic chamber includes a second hydraulic chamber, and the second hydraulic chamber is delimited at least in part by an end surface of the inner cylindrical portion of the movable sheave and the cylinder member.

Claim 23 (Previously Presented): The belt type continuously variable transmission according to claim 21, wherein the cylinder member includes a first radial direction portion which extends radially with respect to the pulley shaft; a first cylindrical portion which extends from the first radial direction portion substantially parallel to the axial direction of the pulley shaft; a second radial direction portion which extends radially with respect to the pulley shaft from the first cylindrical portion along the back surface of the movable sheave; and a second cylindrical portion which extends from the second radial direction portion substantially parallel to the axial direction of the pulley shaft.

Claim 24 (Previously Presented): The belt type continuously variable transmission according to claim 14, wherein the movable sheave is attached to the pulley shaft and is radially supported on the cylinder member in such a way that a load applied by a belt on the movable sheave is not directly applied to a portion of the pulley shaft in which the radial oil passage extends.

Claim 25 (Previously Presented): The belt type continuously variable transmission according to claim 14, wherein the outer peripheral surface of the inner cylindrical portion of the movable sheave that is attached to the pulley shaft is slidably supported on the inner peripheral surface of the first cylindrical portion of the cylinder member.

Claim 26 (Previously Presented): The belt type continuously variable transmission according to claim 14, wherein the movable sheave is attached to the pulley shaft and is radially supported on the cylinder member in such a way that a load applied by a belt on the movable sheave can be transmitted to the cylinder member.

Claim 27 (Previously Presented): The belt type continuously variable transmission according to claim 14, wherein the pulley shaft extends from a first shaft end to a second shaft end in the axial direction of the pulley shaft, wherein the first bearing is located between the first shaft end and the second bearing with respect to the axial direction of the pulley shaft and the second bearing is located between the first bearing and the second shaft end with respect to the axial direction of the pulley shaft, and wherein the radial direction oil passage is formed in the pulley shaft between the first shaft end and the first bearing with respect to the axial direction of the pulley shaft.

Claim 28 (Previously Presented): The belt type continuously variable transmission according to claim 14, wherein the pulley shaft includes a spline portion that is engaged with a spline portion formed in an inner side surface of the moveable sheave, wherein the pulley shaft extends from a first shaft end to a second shaft end in the axial direction of the pulley

shaft, wherein the radial direction oil passage is located between the first shaft end and the spline portion of the pulley shaft with respect to the axial direction of the pulley shaft.

Claim 29 (Previously Presented): The belt type continuously variable transmission according to claim 14, wherein a spline groove portion of an outer surface of the pulley shaft includes a plurality of spline grooves extending in the axial direction of the pulley shaft, and wherein the radial direction oil passage extends radially with respect to the pulley shaft from an axial direction oil passage inside of the pulley shaft to a portion of the outer surface of the pulley shaft other than the spline groove portion.

Claim 30 (Previously Presented): The belt type continuously variable transmission according to claim 14, wherein a spline tooth portion of an outer surface of the pulley shaft includes a plurality of spline teeth extending in the axial direction of the pulley shaft, and wherein the radial direction oil passage extends radially with respect to the pulley shaft from an axial direction oil passage inside of the pulley shaft to a portion of the outer surface of the pulley shaft other than the spline tooth portion.

Claim 31 (Canceled).

Claim 32 (Previously Presented): The belt type continuously variable transmission according to claim 16, wherein a movable sheave oil passage extends through the movable sheave, and wherein the radial direction oil passage is in fluid communication with the movable sheave oil passage via the spline portion such that a hydraulic fluid supplied by the

supply oil passage to the pulley hydraulic chamber passes through the radial direction oil passage, the spline portion, and the movable sheave oil passage.

Claim 33 (Previously Presented): The belt type continuously variable transmission according to claim 28, wherein a movable sheave oil passage extends through the movable sheave from a first opening that opens to the pulley hydraulic chamber to a second opening that opens to the spline portion of the pulley shaft, and wherein the spline portion of the pulley shaft permits fluid communication between the radial direction oil passage and the movable sheave oil passage.

Claim 34 (Previously Presented): The belt type continuously variable transmission according to claim 29, wherein a movable sheave oil passage extends through the movable sheave from a first opening that opens to the pulley hydraulic chamber to a second opening that opens to the spline groove portion of the pulley shaft, and wherein the radial direction oil passage is in fluid communication with the movable sheave oil passage via the spline groove portion such that a hydraulic fluid supplied by the supply oil passage to the pulley hydraulic chamber passes through the radial direction oil passage, the spline groove portion, and the movable sheave oil passage.

Claim 35 (Currently Amended): ~~The belt type continuously variable transmission according to claim 14,~~ A belt type continuously variable transmission, comprising:
a pulley shaft that is supported by a first bearing and a second bearing that are spaced apart from each other in an axial direction of the pulley shaft;

a supply oil passage that supplies hydraulic fluid to a pulley hydraulic chamber and includes a radial direction oil passage that extends in the pulley shaft in a radial direction of the pulley shaft;

a movable sheave that is attached to the pulley shaft; and

a cylinder member that is attached to the pulley shaft and faces the movable sheave,

wherein

the radial direction oil passage is formed in the pulley shaft outside of a portion of the pulley shaft that is between a center of the first bearing and a center of the second bearing with respect to the axial direction of the pulley shaft,

an outer peripheral surface of an inner cylindrical portion of the movable sheave contacts and slides on an inner peripheral surface of a first cylindrical portion of the cylinder member,

the portion of the pulley shaft that is between the center of the first bearing and the center of the second bearing with respect to the axial direction of the pulley shaft is free of any oil passages that extend in the radial direction of the pulley shaft such that any radial direction oil passage that extends in the radial direction from the pulley shaft is not provided between the center of the first bearing with respect to the axial direction of the pulley shaft and the center of the second bearing with respect to the axial direction of the pulley shaft,

wherein the first bearing and the second bearing are located on opposite sides of the movable sheave, and the portion of the pulley shaft that is between the center of the first bearing and the center of the second bearing with respect to the axial direction of the pulley shaft includes a fixed sheave and a portion of the pulley shaft that supports the movable sheave.

Claim 36 (Previously Presented): The belt type continuously variable transmission according to claim 14, wherein any radial direction oil passage that extends in the radial direction from the pulley shaft is not provided between an outside edge of the first bearing and an outside edge of the second bearing, the outside edge of the first bearing being a portion of the first bearing that is further from the second bearing in the axial direction of the pulley shaft than any other portion of the first bearing, and the outside edge of the second bearing being a portion of the second bearing that is further from the first bearing in the axial direction of the pulley shaft than any other portion of the second bearing.